

CRAWLER SPIDER CRANES

3-ton crawler spider crane

Model JS-ZZD3T

Technical Specifications & Product Selection

**12V60AH**

Engine battery capacity

Length 3.5m Width 0.8m Height 1.85m

Vehicle size

Product code: CSC2026XX003

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Load radius, boom geometry and outrigger footprint

Rated capacity, load radius, boom length, lift height, winch/rope and outrigger spread describe separate conditions. Read the exact load chart and configuration; maximum capacity is not available at every radius or boom length.

Start with the complete specifications on page 3. Review the actual configuration and supported options, then compare the product with the intended application.



CORE PRODUCT DATA

Technical specifications

3-ton crawler spider crane / Model JS-ZZD3T

Specification	Product data
Model	JS-ZZD3T
Self-weight	2.7 T
Maximum operating radius	10 M
Maximum above ground lift	10.8 M
Hook Rising Speed	0-8m/min (4 ropes)
Wire Rope Specifications	Φ 8 mm*45m
Hoist specifications	2.4m x 6-section lifting arm (Support customization)
Boom length/time	3.1m-10.8m/20sec (adjustable)
Boom angle/time	0-78°/13sec
Rotation angle/speed	0-360°(continuous)/60sec
Forms of outrigger movement	Manual screw out + hydraulic support (three-section legs retractable)
Maximum extension amplitude	4300 (length) X3700 (rear) X4300 (front)
Walking mode	hydraulic drive
Walking speed	0-2.5 km/h
Gradeability	25°(36%)
Electrical voltage	AC380 V
Engine Manufacturer	Changchai (Support customization)

CORE PRODUCT DATA

Specifications - continued

3-ton crawler spider crane / Model JS-ZZD3T

Specification	Product data
Engine model number	Changchai 380G three-cylinder 14.7kW
Engine start performance	-50°C-45°C
Engine fuel/Volume	Diesel oil/12L
Engine battery capacity	12V60AH
Engine Fuel consumption rate	274g/kW-h
Engine noise level	Rated speed ≤81.5dBA (1m)
Type of operation (boom/outrigger), manual traveling	Manual operation, manual travel (optional remote control)
Operational	Diesel engine and electric motor (dual power)
Vehicle size	Length 3.5m Width 0.8m Height 1.85m
Track	220 (width) 72 (pitch) 50 (section)
Optional	Optional torque controller/remote control/cradle/hydraulic flying jib/colors: red, green, yellow, white, grey, black



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Structure & configuration

Component / configuration	Function / scope
Telescopic Boom Assembly	The yellow base and dark telescopic sections extend the lifting reach while retaining the verified boom geometry.
Reeving and Hook Assembly	The boom-head pulleys, wire rope, hook block and hook guide connect suspended loads during lifting.
Boom Luffing Cylinder	The external hydraulic cylinder changes the boom angle through its verified pivot connections and mounting points.
Slewing Boom Pedestal	The rotating pedestal supports the boom base and transfers lifting forces into the crane's upper mounting structure.
Four-Outrigger Support System	Four articulated legs and hydraulic supports widen the working footprint and transfer loads through grounded pads.
Crawler Chassis Assembly	The rubber-track chassis provides compact travel and carries the central mounting interface for the upper assemblies.
Power Enclosure and Controls	The closed exterior power housing and visible operator controls support crane operation without exposing internals.



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Application & product selection



Plant installation; Glazing and equipment placement; Confined-access lifting.

Selection input	Review together
Load and radius	Actual lifted mass, radius and height against the exact load chart.
Crane version	Specified boom, winch/rope, hook, slew and control configuration.
Site setup	Outrigger footprint, access, support conditions and machine envelope.

Ordered configuration

Retain the exact model, specification option and included accessory scope in the written order.
Application photographs illustrate context, not inclusion of adjacent items.



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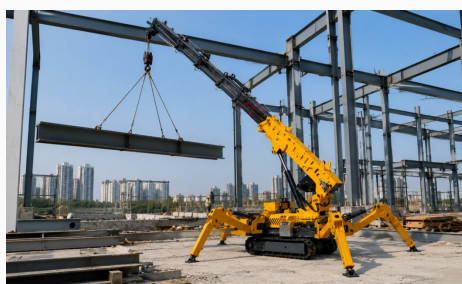
Product views

Grouped views identify the product form and its application setting.



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Product views



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Components & interfaces

Grouped detail views identify the fitted components and interfaces.



Structural decomposition



Assembly relationships

The separated view identifies the principal product assemblies and their physical relationship; supplied scope follows the exact written configuration.